

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
HO2-0002

In Re Application Of: **Carol Jeffcoate**

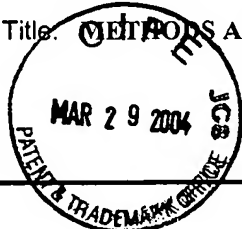
Serial No.
10/723,054

Filing Date
11/25/2003

Examiner

Group Art Unit

Title: **MEANS AND DEVICES FOR HEATING OR COOLING FUEL CELL SYSTEMS**



Address to:

**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
HO2-0002

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Serial No.

10/723,054

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Group Art Unit

METHODS AND DEVICES FOR HEATING OR COOLING FUEL CELL SYSTEMS

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 06-1130 as described below.
- ☐ Charge the amount of _____
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

Certificate of Transmission by Facsimile*

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I certify that this document and fee is being deposited on 3/25/04 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Rebecca L. Blake

Signature of Person Mailing Correspondence

Rebecca L. Blake

Typed or Printed Name of Person Mailing Certificate

*This certificate may only be used if paying by deposit account.

Dated: March 25, 2004

Peter R. Hagerty

Signature

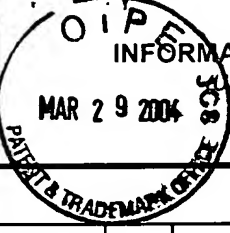
Peter R. Hagerty

Registration No. 42,618

Customer No. 23413

Telephone No. 860-286-2929

CC:

 <p>Use several sheets if necessary)</p>				ATTY DOCKET NO. HO2-0002		SERIAL NO. 10/723,054	
				Carol Jeffcoate			
				FILING 11/25/2003		GROUP	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,207,309 B1	3/27/2001	Bonville			
		6,248,462 B1	6/19/2001	Bonville			
		4,500,612	2/19/1985	Fujii et al.			
		6,186,254 B1	2/13/2001	Mufford et al.			
		6,110,615	8/29/2001	Bloomfield			
		6,294,278 B1	9/25/2001	Wohr et al.			
		6,287,715 B1	9/11/2001	Faris et al.			
		5,187,024	2/16/1993	Matsumura			
		2001/0010873 A1	8/2/2001	Thom			
		5,200,278	4/6/1993	Watkins et al.			
		5,047,298	9/10/1991	Perry, Jr. et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
		WO 01/47052 A1	28.06.2001	PCT			✓
		WO 01/61777 A2	23.08.2001	PCT			✓
		WO 01/54218 A2	26.07.2001	PCT			✓
		EP 1 102 341 A2	23.05.2001	European			✓
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		FR2792259; 2000-10-20; Abstract Only					
EXAMINER				DATE CONSIDERED			

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	6,277,508 B1	8/21/2001	Reiser et al.			
	6,242,118 B1	6/5/2001	Grasso et al.			
	6,207,308 B1	3/27/2001	Grasso et al.			
	6,162,267	12/19/2000	Priegnitz et al.			
	6,120,923	9/19/2000	Van Dine et al.			
	5,714,276	2/3/1998	Okamoto			
	5,677,073	10/14/1997	Kawatsu			
	5,605,770	2/25/1997	Andreoli et al.			
	5,503,944	4/2/1996	Meyer et al.			
	5,366,821	11/22/1994	Merritt et al.			
	5,360,679	11/1/1994	Buswell et al.			

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	6,294,277 B1	9/25/2001	Ueno et al.			
	6,294,280 B1	9/25/2001	Tanaha et al.			
	6,284,399 B1	9/4/2001	Oko et al.			
	6,103,411	8/15/2000	Matsubayashi et al.			
	6,077,620	6/20/2000	Pettit			
	5,837,393	11/17/1998	Okamoto			
	5,641,031	6/24/1997	Riemer et al.			
	5,518,705	5/21/1996	Buswell et al.			
	4,182,795	1/8/1980	Baker et al.			
	6,280,864 B1	8/28/2001	Towler et al.			
	6,276,473 B1	8/21/2001	Zur Megede			

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	6,265,092 B1	7/24/2001	Meltser et al.			
	6,238,817 B1	5/29/2001	Reiser			
	6,210,821 B1	4/3/2001	Lesieur et al.			
	6,210,820 B1	4/3/2001	Knights et al.			
	6,190,791 B1	2/20/2001	Hornburg			
	6,187,464 B1	2/13/2001	Yasumoto et al.			
	6,183,896 B1	2/6/2001	Horita et al.			
	6,168,772 B1	1/2/2001	Watanabe			
	6,096,448	8/1/2000	Wilkinson et al.			
	6,068,943	5/30/2000	Divisek et al.			
	6,063,516	5/16/2000	Grot et al.			

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	6,048,473	4/11/2000	Denda et al.			
	6,045,933	4/4/2000	Okamoto			
	6,007,934	12/28/1999	Auer et al.			
	6,001,499	12/14/1999	Grot et al.			
	5,991,670	11/23/1999	Mufford et al.			
	5,985,474	11/16/1999	Chen et al.			
	5,984,986	11/16/1999	Wiesheu et al.			
	5,945,229	8/31/1999	Meltser			
	5,631,099	5/20/1997	Hockaday			
	5,601,936	2/11/1997	Dudfield et al.			
	5,599,638	2/4/1997	Surampudi et al.			

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	5,525,436	6/11/1996	Savinell et al.			
	5,432,021	6/11/1995	Wilkinson et al.			
	5,409,784	4/25/1995	Bromberg et al.			
	6,296,964	10/2/2001	Ren et al.			
	6,294,278	9/25/2001	Wohr et al.			
	6,293,110	9/25/2001	Stetson et al.			
	6,287,529	9/11/2001	Heil et al.			
	6,284,399	9/4/2001	Oko et al.			
	6,284,206	9/4/2001	Lesieur et al.			
	6,280,870	8/28/2001	Eisman et al.			
	6,280,867	8/28/2001	Elias			

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	6,280,865	8/28/2001	Eisman et al.			
	6,278,757	8/21/2001	Yokomizo et al.			
	6,277,511	8/21/2001	Iwase et al.			
	6,277,509	8/21/2001	Wheeler			
	6,277,508	8/21/2001	Reiser et al.			
	6,274,262	8/14/2001	Canfield			
	6,274,259	8/14/2001	Grasso et al.			
	US H1981 H	8/7/2001	Hennick			
	6,262,896	7/17/2001	Stancu et al.			
	6,261,711	6/17/2001	Matlock et al.			
	6,261,710	7/17/2001	Marianowski			

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	6,258,476	7/10/2001	Cipollini			
	6,258,475	7/10/2001	Sugita et al.			
	6,255,012	7/3/2001	Wilson et al.			
	6,255,010	7/3/2001	George et al.			
	6,251,534	6/26/2001	McElroy			
	6,248,467	6/19/2001	Wilson et al.			
	6,248,462	6/19/2001	Bonville			
	6,245,214	6/12/2001	Rehg et al.			
	6,242,118	6/5/2001	Grasso et al.			
	6,238,817	5/29/2001	Reiser			
	6,232,010	5/15/2001	Cisar et al.			

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	6,232,008	5/15/2001	Wozniczka et al.			
	6,232,006	5/15/2001	Breault			
	6,230,669	5/15/2001	Evans			
	6,230,494	5/15/2001	Botti et al.			
	6,223,844	5/1/2001	Greenhill et al.			
	6,218,039	4/17/2001	Mease et al.			
	6,218,038	4/17/2001	Oko et al.			
	6,209,494	4/3/2001	Manikowski, Jr. et al.			
	6,207,310	3/27/2001	Wilson et al.			
	6,207,309	3/27/2001	Bonville et al.			
	6,207,308	3/27/2001	Grasso et al.			

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	6,207,306	3/27/2001	Sederquist			
	6,202,710	3/20/2002	Dill et al.			
	6,200,698	3/13/2001	Carlstrom, Jr.			
	6,197,442	3/6/2001	Gorman			
	6,195,999	3/6/2001	Arnold et al.			
	6,193,929	2/27/2001	Ovshinsky et al.			
	6,190,793	2/20/2001	Barton et al.			
	6,187,466	2/13/2001	Schroll et al.			
	6,187,226	2/13/2001	Detering et al.			
	6,186,254	2/13/2001	Mufford et al.			
	6,180,275	1/30/2001	Braun et al.			

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	6,174,616	1/16/2001	Marvin et al.			
	6,171,720	1/9/2001	Besmann et al.			
	6,171,718	1/9/2001	Murach et al.			
	6,171,374	1/9/2001	Barton et al.			
	6,168,705	1/2/2001	Molter et al.			
	6,167,721	1/2/2001	Tsenter			
	6,165,634	12/26/2000	Krasij et al.			
	6,162,554	12/19/2000	Nolsher et al.			
	6,162,267	12/19/2000	Priegnitz et al.			
	6,159,629	12/12/2000	Gibb et al.			
	6,159,628	12/12/2000	Grasso et al.			

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	6,159,256	12/12/2000	Bonville, Jr. et al.			
	6,156,084	12/5/2000	Bonville, Jr. et al.			
	6,155,212	12/5/2000	McAlister			
	6,150,049	11/21/2000	Nelson et al.			
	6,150,047	11/21/2000	Yen et al.			
	6,149,810	11/21/2000	Gonzalez-Martin et al.			
	6,146,779	11/14/2000	Walsh			
	6,140,266	10/31/2000	Corrigan et al.			
	6,137,853	10/24/2000	Duckering et al.			
	6,132,689	10/17/2000	Skala et al.			
	6,127,057	10/3/2000	Gorman			

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	6,124,054	9/26/2000	Gorman et al.			
	6,124,051	9/26/2000	Johnson			
	6,120,925	9/19/2000	Kawatsu et al.			
	6,120,923	9/19/2000	Van Dine et al.			
	6,117,577	9/12/2000	Wilson			
	6,112,712	9/5/2000	Safarik et al.			
	6,110,615	8/29/2000	Bloomfield			
	6,110,613	8/29/2000	Fuller			
	6,110,612	8/29/2000	Walsh			
	6,106,964	8/22/2000	Voss et al.			
	6,106,963	8/22/2000	Nitta et al.			

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	6,103,410	8/15/2000	Fuller et al.			
	6,101,988	8/15/2000	Evans			
	6,099,984	8/8/2000	Rock			
	6,096,450	8/1/2000	Walsh			
	6,096,448	8/1/2000	Wilkinson et al.			
	6,093,502	7/25/2000	Carlstrom, Jr. et al.			
	6,093,500	7/25/2000	Margiott et al.			
	6,087,033	7/11/2000	Grune et al.			
	6,087,028	7/11/2000	Goto			
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		6,083,636	7/4/2000	Hsu			
		6,080,503	6/27/2000	Schmid et al.			
		6,080,502	6/27/2000	Nolscher et al.			
		6,071,635	6/6/2000	Carlstrom, Jr.			
		6,071,386	6/6/2000	Puthawala			
		6,068,941	5/30/2000	Fuller et al.			
		6,068,673	5/30/2000	Bloomfield			
		6,066,409	5/23/2000	Ronne et al.			
		6,066,408	5/23/2000	Vitale et al.			
		6,063,515	5/16/2000	Epp et al.			

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,057,054	5/2/2000	Barton et al.			
	6,057,053	5/2/2000	Gibb			
	6,057,050	5/2/2000	Parise			
	6,054,228	4/25/2000	Cisar et al.			
	6,053,266	4/25/2000	Greenhill et al.			
	6,053,132	4/25/2000	Evans			
	6,051,331	4/18/2000	Spear, Jr. et al.			
	6,051,192	4/18/2000	Maston et al.			
	6,050,331	4/18/2000	Breault et al.			
	6,049,557	4/11/2000	Cunningham et al.			
	6,048,635	4/11/2000	Guthrie			

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	6,048,383	4/11/2000	Breault et al.			
	6,045,933	4/4/2000	Okamoto			
	6,041,762	3/28/2000	Sirosh et al.			
	6,037,073	3/14/2000	Besmann et al.			
	6,037,072	3/14/2000	Wilson et al.			
	6,032,456	3/7/2000	Easom et al.			
	6,024,848	2/15/2000	Dufner et al.			
	6,020,083	2/1/2000	Breault et al.			
	6,017,648	1/25/2000	Jones			
	6,015,634	1/18/2000	Bonville, Jr. et al.			
	6,015,633	1/18/2000	Carlstrom, Jr. et al.			

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	6,013,385	1/11/2000	DuBose			
	6,010,675	6/4/2000	Trocciola et al.			
	6,007,933	12/28/1999	Jones			
	6,007,931	12/18/1999	Fuller et al.			
	6,001,502	12/14/1999	Walsh			
	6,001,500	12/14/1999	Bass et al.			
	5,998,058	12/7/1999	Fredley			
	5,993,987	11/30/1999	Wozniczka et al.			
	5,993,984	11/30/1999	Matsumara et al.			
	5,993,618	11/30/1999	Schulze et al.			
	5,985,474	11/16/1999	Chen et al.			

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	5,981,098	11/9/1999	Vitale			
	5,981,096	11/9/1999	Hornburg et al.			
	5,980,726	11/9/1999	Moulthrop, Jr. et al.			
	5,976,726	11/2/1999	Wilkinson et al.			
	5,976,724	11/2/1999	Bloomfield			
	5,976,722	11/2/1999	Muller et al.			
	5,972,530	10/26/1999	Shelekhin et al.			
	5,961,928	10/5/1999	Maston et al.			
	5,958,273	9/28/1999	Koch et al.			
	5,957,667	9/28/1999	Epp			
	5,952,118	9/14/1999	Ledjeff et al.			

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	5,945,232	8/31/1999	Ernst et al.			
	5,942,347	8/24/1999	Koncar et al.			
	5,935,726	8/10/1999	Chow et al.			
	5,931,249	8/3/1999	Ellis et al.			
	5,922,485	7/13/1999	Enami			
	5,916,701	6/29/1999	Carter et al.			
	5,916,505	6/29/1999	Cisar et al.			
	5,915,351	6/29/1999	Regueiro			
	5,914,199	6/22/1999	Carter et al.			
	5,912,088	6/15/1999	Ernst			
	5,911,684	6/15/1999	Shnell			

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	5,906,898	5/25/1999	Pondo			
	5,904,748	5/18/1999	Ehrensberger et al.			
	5,900,031	5/4/1999	Bloomfield			
	5,898,282	4/27/1999	Drozd et al.			
	5,897,766	4/27/1999	Kawatsu			
	5,896,434	4/20/1999	Yoshizumi et al.			
	5,889,807	3/30/1999	Cunningham et al.			
	5,879,826	3/9/1999	Lehman et al.			
	5,874,051	2/23/1999	Heil et al.			
	5,871,859	2/16/1999	Parise			
	5,868,105	2/9/1999	Evans			

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	5,867,978	2/9/1999	Klanchar et al.			
	5,863,672	1/26/1999	Ledjeff et al.			
	5,863,671	1/26/1999	Spear, Jr. et al.			
	5,858,569	1/12/1999	Meacher et al.			
	5,858,567	1/12/1999	Spear, Jr. et al.			
	5,853,910	12/29/1998	Tomioka et al.			
	5,853,909	12/29/1998	Reiser			
	5,853,674	12/29/1998	Lesieur			
	5,840,414	11/24/1998	Bett et al.			
	5,835,359	11/10/1998	DiFrancesco			
	5,833,934	11/10/1998	Adlhart			

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	5,832,728	11/10/1998	Buck			
	5,824,428	10/20/1998	Nishida et al.			
	5,811,062	9/22/1998	Wegeng et al.			
	5,805,657	9/8/1998	Heubeck			
	5,804,326	9/8/1998	Chow et al.			
	5,802,093	9/1/1998	Townsend et al.			
	5,798,187	8/25/1998	Wilson et al.			
	5,798,186	8/25/1998	Fletcher et al.			
	5,792,572	8/11/1998	Foley et al.			
	5,789,091	8/4/1998	Wozniczka et al.			
	5,786,104	7/28/1998	Black et al.			

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	5,783,324	7/21/1998	Binder et al.			
	5,783,259	7/21/1998	McDonald			
	5,776,624	7/7/1998	Neutzler			
	5,773,160	6/30/1998	Wilkinson et al.			
	5,769,909	6/23/1998	Bonk et al.			
	5,768,906	6/23/1998	Tsenter			
	5,753,383	5/19/1998	Cargnelli et al.			
	5,750,281	5/12/1998	Washington et al.			
	5,750,278	5/12/1998	Gillett et al.			
	5,746,966	5/5/1998	McDonald			
	5,746,064	5/5/1998	Tsenter			

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	5,736,269	4/7/1998	Okamoto et al.			
	5,732,463	3/31/1998	Breault et al.			
	5,718,984	2/17/1998	Iwase et al.			
	5,712,052	1/27/1998	Kawatsu			
	5,700,595	12/23/1997	Reiser			
	5,686,200	11/11/1997	Barton et al.			
	5,686,197	11/11/1997	Nishida et al.			
	5,683,828	11/4/1997	Spear et al.			
	5,677,938	10/14/1997	Gassmann			
	5,677,073	10/14/1997	Kawatsu			
	5,642,055	6/24/1997	DiFrancesco			

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	5,640,435	6/17/1997	Kurosaki et al.			
	5,635,039	6/3/1997	Cisar et al.			
	5,634,341	6/3/1997	Klanchar et al.			
	5,634,265	6/3/1997	DiFrancesco			
	5,628,252	5/13/1997	Kuznetsov			
	5,617,456	4/1/1997	Kurosaki et al.			
	5,609,922	3/11/1997	McDonald			
	5,603,290	2/18/1997	Swain et al.			
	5,597,335	1/28/1997	Woodland			
	5,589,758	12/31/1996	Blackmon et al.			
	5,565,280	10/15/1996	DiFrancesco			

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	5,565,279	10/15/1996	Fredley et al.			
	5,560,999	10/1/1996	Pedicini et al.			
	5,549,983	8/27/1996	Yamanis			
	5,547,776	8/20/1996	Fletcher et al.			
	5,544,208	8/6/1996	Pao et al.			
	5,540,831	7/30/1996	Klein			
	5,540,208	7/30/1996	Kikutani			
	5,537,956	7/23/1996	Rennfeld et al.			
	5,534,362	7/9/1996	Okamoto et al.			
	5,527,363	6/18/1996	Wilkinson et al.			
	5,521,018	5/28/1996	Wilkinson et al.			

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,514,487	5/7/1996	Washington et al.			
	5,514,353	5/7/1996	Adlhart			
	5,510,201	4/23/1996	Werth			
	5,509,942	4/23/1996	Dodge			
	5,506,514	4/9/1996	DiFrancesco			
	5,503,944	4/2/1996	Meyer et al.			
	5,501,781	3/26/1996	Hsu et al.			
	5,486,430	1/23/1996	Gorbell et al.			
	5,484,978	1/16/1996	Hedberg et al.			
	5,484,666	1/16/1996	Gibb et al.			
	5,482,790	1/9/1996	Yamada et al.			

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